

## DATASHEET

# GABRQ Rabbit Polyclonal Antibody

CAT. NO. APA15679

### KEY FEATURES

|               |   |               |                     |
|---------------|---|---------------|---------------------|
| Target        | GABRQ   | Source / Host | Rabbit              |
| Reactivity    | Human   | Clonality     | Polyclonal          |
| Applications  | WB  | Conjugation   | Unconjugated        |
| Form / Buffer | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |               | Storage<br>at -20°C |

### BACKGROUND

Theta subunit of the heteropentameric ligand-gated chloride channel gated by gamma-aminobutyric acid (GABA), a major inhibitory neurotransmitter in the brain, a major inhibitory neurotransmitter in the brain. GABA-gated chloride channels, also named GABA(A) receptors (GABAAR), consist of five subunits arranged around a central pore and contain GABA active binding site(s) located at the alpha and beta subunit interfaces. When activated by GABA, GABAARs selectively allow the flow of chloride anions across the cell membrane down their electrochemical gradient.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

|    |                |
|----|----------------|
| WB | 1:500 - 1:2000 |
|----|----------------|

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

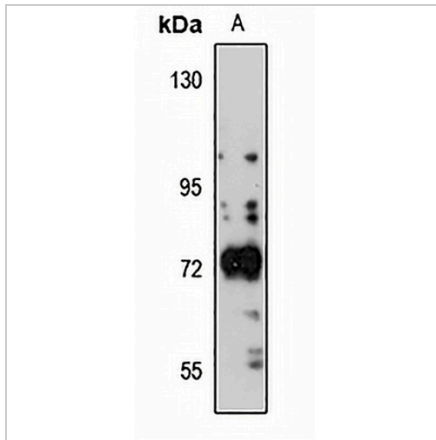
|                   |   |
|-------------------|---|
| Description       | Rabbit polyclonal antibody to GABRQ   |
| Specificity       | Recognizes endogenous levels of GABRQ protein   |
| Antibody Type     | Primary antibody  |
| Immunogen         | Recombinant fusion protein of human GABRQ. The exact sequence is proprietary.                             |
| Purification      | The antibody was purified by immunogen affinity chromatography.   |
| Molecular Weight  | Predicted: 72 kD; Observed: 72 kD   |
| Form/Buffer       | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| Alternative Names | Gamma-aminobutyric acid receptor subunit theta; GABA(A) receptor subunit theta                            |
| Gene Symbol       | GABRQ   |
| Entrez Gene       | 55879(Human)  |
| SwissProt         | Q9UN88(Human)   |

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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**DATA**

Western blot analysis of GABRQ expression in Jurkat (A) whole cell lysates. (Predicted band size: 72 kD; Observed band size: 72 kD)

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.